

# BORIS Portal

## Research Data, Projects and Funding

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30 September, 2021

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# BORIS Portal

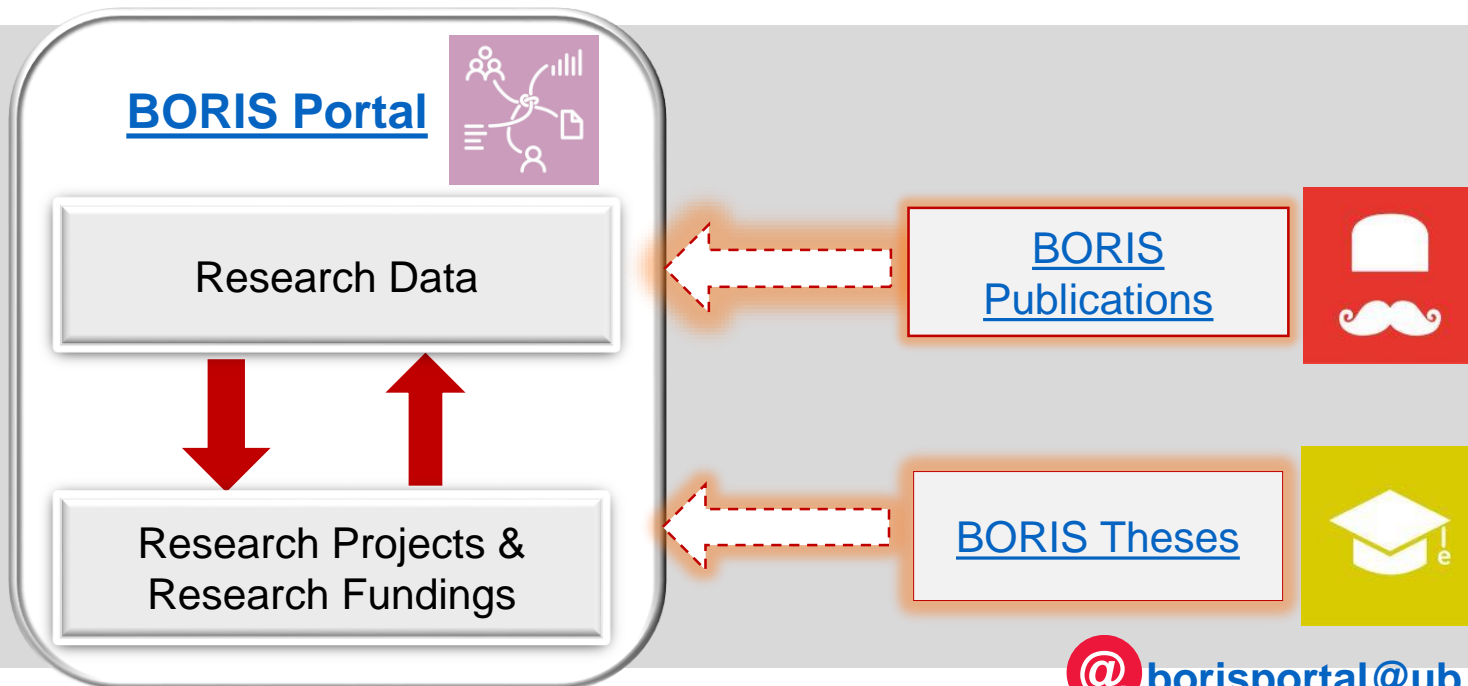
## Overview

- BORIS Portal
- Research Projects and Funding
- Research data and data access
- FAIR data principles
- Open Science service at the University of Bern



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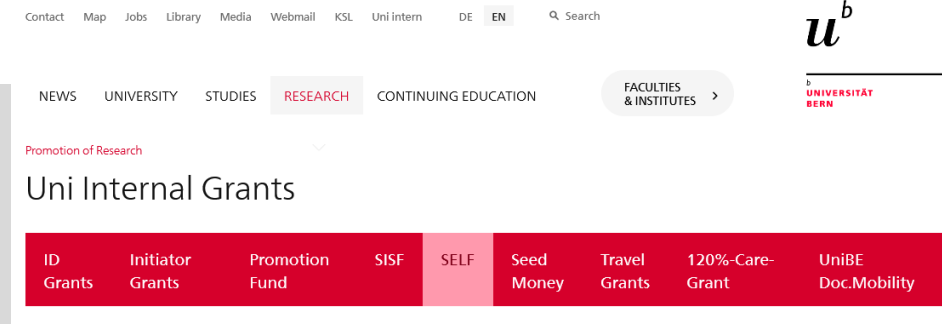
## Research data, Projects & Funding



# BORIS Portal

## Allows researchers to

- keep research project documentation and make it available for authorized users
- increase visibility and potential for interdisciplinary and inter-faculty projects
- link research projects with funding information and scientific publications
- comply with FAIR principles and funding agencies requirements



# BORIS Portal

## Research Data, Projects and Funding

**BORIS Portal is an institutional repository**  
for research data, projects and funding

**BORIS Portal meets FAIR data principles**  
and complies with requirements of the SNSF [Check list](#)  
and the EU-Commission

**Costs:**  
free of charge for datasets < 1 TB / per Researcher / Year  
60 CHF per each additional TB / Year

**Reusability and transparency:**  
Data sets will be publicly accessible worldwide via  
the Internet



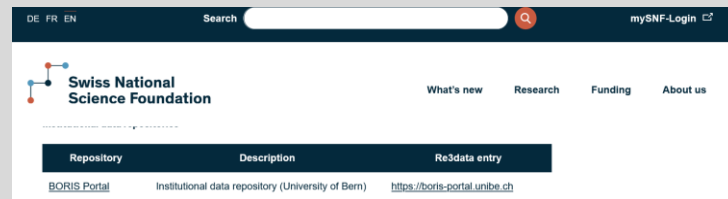
Identifier for Organisations (Crossref, Fundref)

**Certification** is under consideration  
(e.g. [Core Trust Seal](#) - Core Trustworthy Data  
Repositories requirements)

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## Check list to comply with FAIR data principles

- Unique and persistent identifiers (e.g. DOI) is provided
- Machine readability/interoperability
- Citation information and metadata always available even for closed and restricted data
- Metadata contain intrinsic information (e.g. author's name, content of dataset, associated publication, etc.) and submitter-defined (e.g. definition of variable names, etc.)
- Data owner can upload/choose a license (CC0, CC-BY)
- Long-term (min. 10 years) archiving



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## Projects and fundings submission flowchart

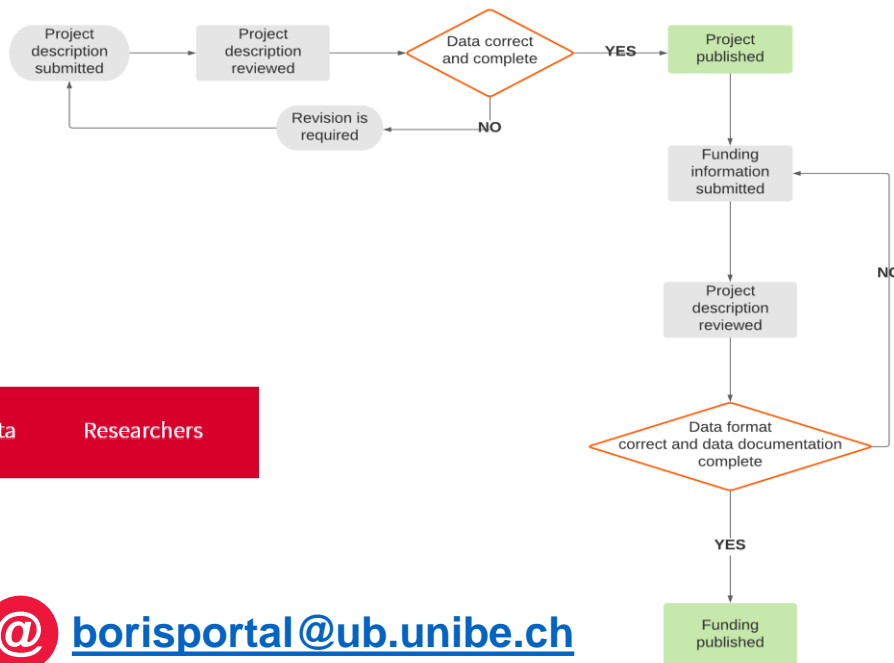
**For funded projects only**

ID Grant number

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[borisportal@ub.unibe.ch](mailto:borisportal@ub.unibe.ch)

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## Research data access

[List](#) of supported data formats  
Data upload: 2 Gb / File

Open

for completely anonymized data and all other non-personal data that can be publicly shared.

### Data Transfer Agreement (DTA) is recommended

Embargoed

for data that must be withheld for a certain period of time (embargo), e.g. due to a non-disclosure-agreement. Manual set-up, automatic updates.

Restricted

for personal data that was anonymized but is still too sensitive to share openly.

Closed

for data that cannot be shared openly. **Data files should not be uploaded**, but metadata should be registered to give proof of the dataset.



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## Research data access

### Supplemental material



- ReadMe files
- Codebooks
- Methods
- Lab protocols
- Study design
- Supplement

will be openly published on your item under public domain (CC0).

Supplementary material can be uploaded, even if data availability is **Restricted, Closed** or **Embargoed**.

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## Relations



### Article Metadata on the journal website

Dendrochronologia 39 (2016) 51–59

Contents lists available at ScienceDirect

**Dendrochronologia**

journal homepage: [www.elsevier.com/locate/dendro](http://www.elsevier.com/locate/dendro)

Application of eco-physiological models to the climatic interpretation of  $\delta^{13}\text{C}$  and  $\delta^{18}\text{O}$  measured in Siberian larch tree-rings<sup>☆</sup>

Olga V. Churakova (Sidorova)<sup>a,b,g,\*</sup>, Aleksandr V. Shashkin<sup>c</sup>, Rolf T.W. Siegwolf<sup>g</sup>, Renato Spahni<sup>h</sup>, Thomas Launois<sup>e,f</sup>, Matthias Saurer<sup>g</sup>, Marina V. Bryukhanova<sup>c,d</sup>, Anna V. Benkova<sup>c</sup>, Anna V. Kuptsova<sup>c</sup>, Philippe Peylin<sup>f</sup>, Eugene A. Vaganov<sup>c,d</sup>, Valerie Masson-Delmotte<sup>f</sup>, John Roden<sup>i</sup>



Dokumententyp:	Zeitschriftenartikel (Originalarbeit)
Einheit/Institut:	08 Philosophisch-naturwissenschaftliche Fakultät > Physikalisches Institut > Klima- und Umweltphysik (KUP) 10 Strategische Forschungszentren > Oeschger Centre for Climate Change Research (OCCR) 08 Philosophisch-naturwissenschaftliche Fakultät > Institut für Geologie
UnIBE MitarbeiterIn:	Churakova, Olga und Spahni, Renato
Fächer:	500 Naturwissenschaften > 530 Physik 500 Naturwissenschaften > 550 Geowissenschaften, Geologie
ISSN:	1125-7865
Verlag:	Elsevier
Sprache:	Englisch
Submitter:	Manu
Erstellungsdatum:	11 Jul. 2016 15:01
Letzte Änderungen:	01 Mrz. 2017 09:35
Verlag DOI:	<a href="https://doi.org/10.1016/j.dendro.2015.12.008">10.1016/j.dendro.2015.12.008</a>
BORIS DOI:	<a href="https://boris.unibe.ch/id/eprint/84428">10.7892/boris.84428</a>
URI:	<a href="https://boris.unibe.ch/id/eprint/84428">https://boris.unibe.ch/id/eprint/84428</a>



Title: Stable carbon and oxygen isotopes in larch tree-ring cellulose from Yakutia

Contributor(s): Churakova, Olga

Contact: Churakova, Olga

Data Availability: 

Keyword(s): Larix cajanderi Mayr.; Siberia; Stable isotopes; Carbon; Oxygen; Tree-ring cellulose

Subject(s): 500 - Science > 550 - Earth sciences & geology  
500 - Science > 560 - Fossils & prehistoric life  
500 - Science > 580 - Plants (Botany)

Description: Stable carbon ( $\delta^{13}\text{C}$ ) and oxygen ( $\delta^{18}\text{O}$ ) in tree-ring cellulose are presented for the period from 1945 to 2004 CE.

URI: <https://hdl.handle.net/20.500.12422/15>

DOI: <https://doi.org/10.48620/4>

Rights: zero

Type: Dataset

Appears in: Research Data

Collections:

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## License

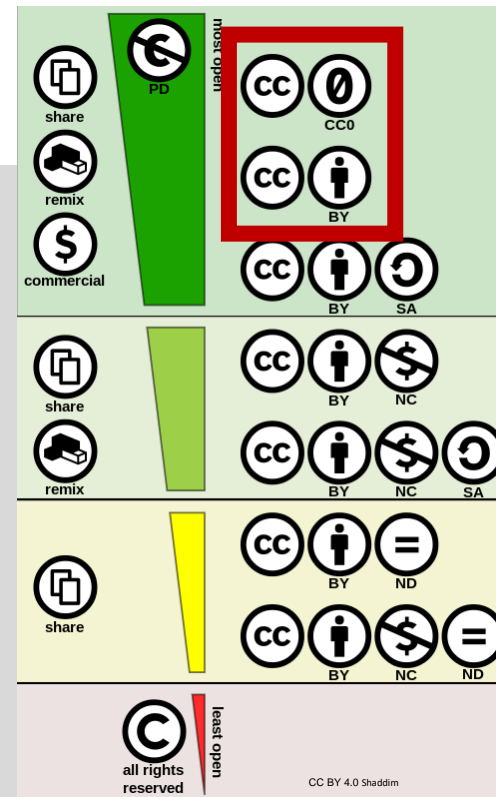
According to the best practice, it is recommended to publish research data under the most recent Creative Commons Attribution International Public License ([CC BY](#)) or [Creative Commons Public Domain Dedication \(CC0 license\)](#).

**CC0, CC-BY for anonymised data only!**



**CC0 can not be applied if**

- there are ethical, legal or contractual agreements;
- data will be commercially exploited (patents) or
- there are some forms of processed data, e.g. elaborate visualisations



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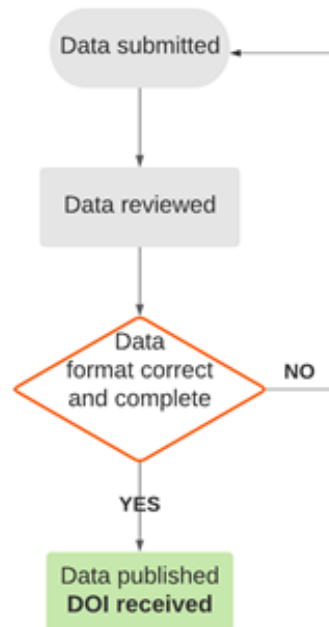
## Research data submission flowchart



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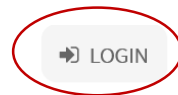
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Home Projects Fundings **Research Data** Researchers



# To BORIS Portal Login

To BORIS Portal <https://boris-portal.unibe.ch>



## BORIS Portal

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## Support

### BORIS Portal [Training / Workshops](#)

Date	Time	Language	Target group	Place	Registration
02.11.2021	14:00-15:00	English	All faculties, incl. Insel-Hospital	<a href="#">Zoom</a>	<a href="#">Registration</a>



[borisportal@ub.unibe.ch](mailto:borisportal@ub.unibe.ch)

# Open Science

## Get in touch!

OS-newsletter.ub -- Open Science at Bern University  
[Newsletter](#)

Universitätsbibliothek Bern

Bern Open Science [Blog](#)

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### BORIS Portal

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Prof. Dr. Christian Leumann, Rector of the University of Bern, on BORIS Portal, research data, projects and fundings ([Link](#))

Thank you  
for your attention

Bern University Library, Open Science  
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<sup>b</sup>  
UNIVERSITÄT  
BERN

